

July 1, 1999

## **CLASS SPECIFICATION**

### **SAN DIEGO CITY CIVIL SERVICE COMMISSION**

#### **ASSOCIATE COMMUNICATIONS ENGINEER**

##### **DEFINITION:**

Under direction, to plan and supervise field and office work in connection with the design, review, and inspection of communications systems; to perform complex communications systems planning and design; to conduct special communications engineering research studies; and to perform related work.

##### **\* EXAMPLES OF DUTIES:**

- Assists in planning and coordination, and provides engineering assistance to the City's centralized electronic maintenance activity;
- Tests equipment;
- Prepares specifications, cable TV reports, studies, and cost estimates;
- Provides engineering support on electronic communication problems;
- Assists in engineering studies for transmitter and receiver sites;
- Assists in research for planning of communication systems;
- Recommends technical operation and maintenance standards;
- Assists in preparation of capital improvement budget;
- Ensures that City radio stations are maintained in accordance with federal rules and regulations;
- Assists in training, selecting and rating the work performance of subordinates;
- Acts for the Senior Communications Engineer in the latter's absence.

##### **MINIMUM QUALIFICATIONS:**

Please note: the minimum qualifications stated below are a guide for determining the education, training, experience, special skills, and/or license which may be required for employment in the class. These are re-evaluated each time the position is opened for recruitment. Please refer to the most recent Job Announcement for updated minimum qualifications.

College graduation with a Bachelor's degree in Electronics, Electrical or Communications Engineering, **OR** certification as an Engineer-in-Training, **OR** registration as a professional Electrical Engineer with a State Licensing Board; **AND** three years of professional engineering experience in electronic communications. Possession of a valid FCC General Radio Telephone Operator's License and possession of a valid California Class C Driver's License.

- \* **EXAMPLES OF DUTIES** performed by employees in this class. The list may not include all required duties, nor are all listed tasks necessarily performed by everyone in this class.